

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061224\
 Data File : VY018568.D
 Acq On : 12 Jun 2024 14:49
 Operator : SY/MD
 Sample : VY0612SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 13 00:54:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

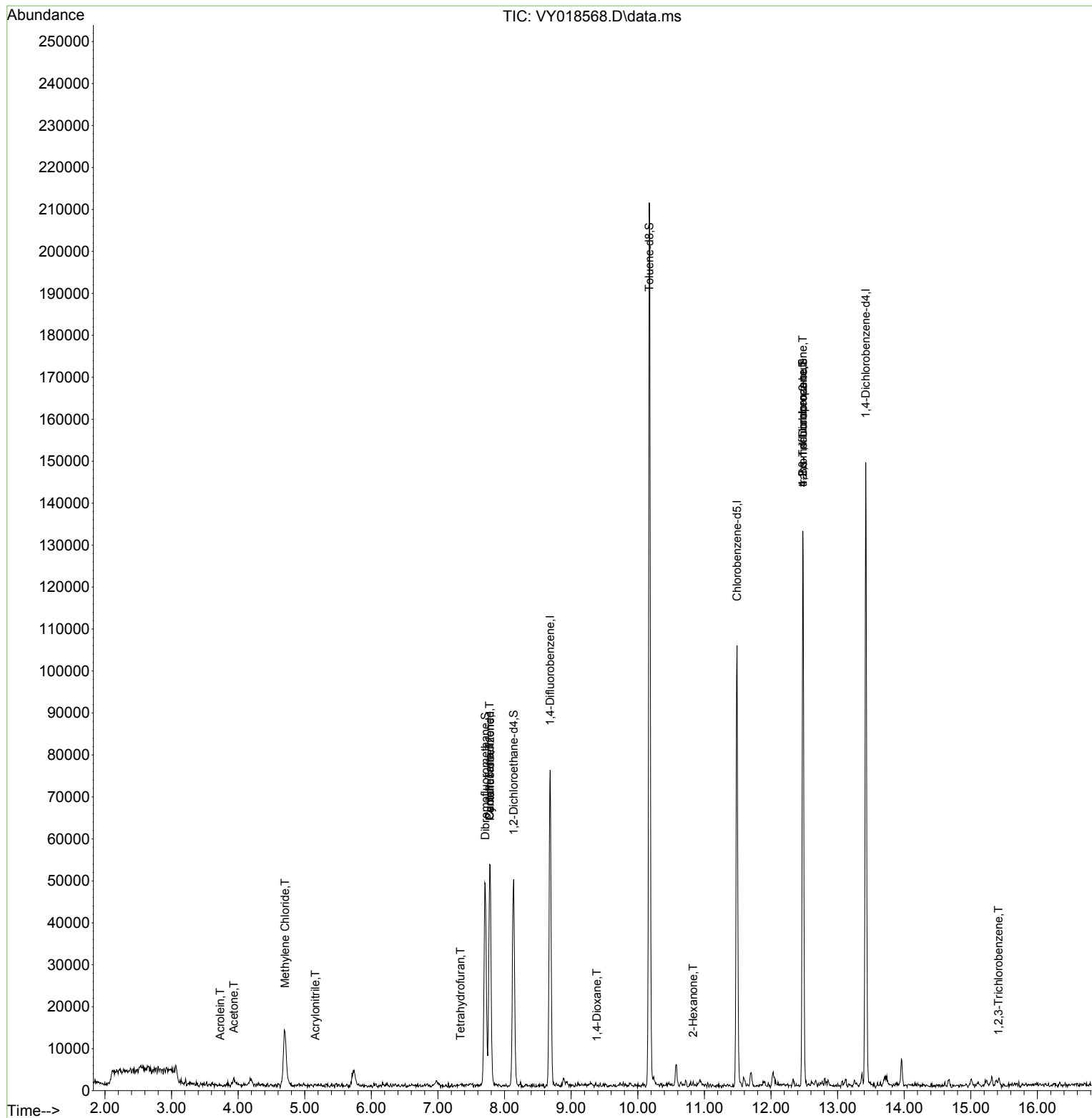
Internal Standards						
1) Pentafluorobenzene	7.783	168	37107	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	61873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	52841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	33400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	36038	49.454	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.900%		
35) Dibromofluoromethane	7.710	113	33268	42.402	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	84.800%		
50) Toluene-d8	10.173	98	131775	42.218	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	84.440%		
62) 4-Bromofluorobenzene	12.477	95	37702	38.795	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	77.580%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.905	59	206	Below Cal	#	88
13) Acrolein	3.729	56	187	2.507	ug/l #	68
15) Acrylonitrile	5.161	53	318	1.699	ug/l #	76
16) Acetone	3.936	43	3088	19.092	ug/l	96
20) Methylene Chloride	4.704	84	9022	7.146	ug/l #	92
29) Tetrahydrofuran	7.338	42	225	1.398	ug/l #	64
31) Cyclohexane	7.777	56	1398	1.029	ug/l #	43
38) Carbon Tetrachloride	7.777	117	4260	3.553	ug/l #	17
49) 1,4-Dioxane	9.386	88	27	4.375	ug/l #	20
59) 2-Hexanone	10.831	43	451	1.125	ug/l	70
76) 1,2,3-Trichloropropane	12.477	75	21532	51.989	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	21532	109.226	ug/l #	16
96) 1,2,3-Trichlorobenzene	15.416	180	590	1.026	ug/l	93

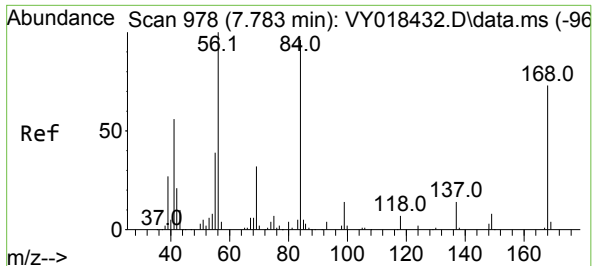
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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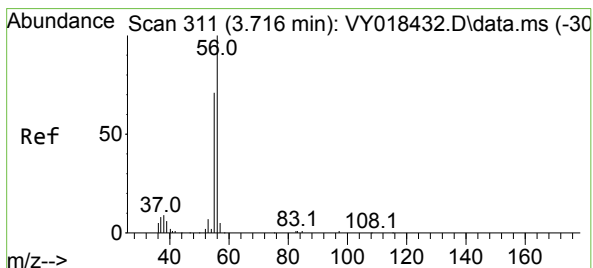
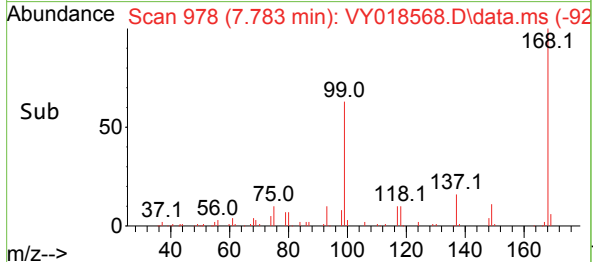
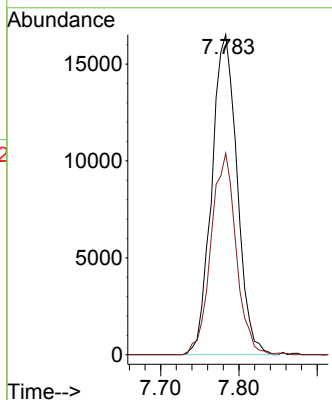
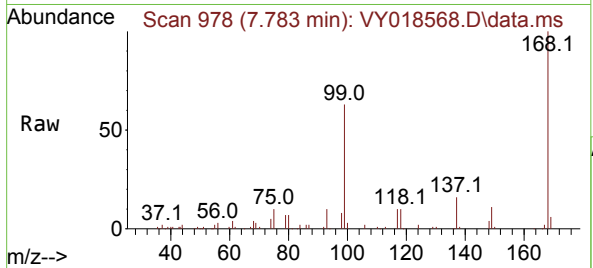




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018568.D
Acq: 12 Jun 2024 14:49

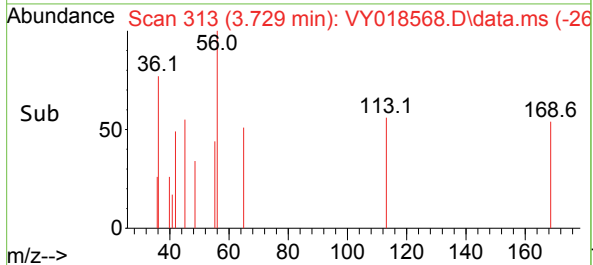
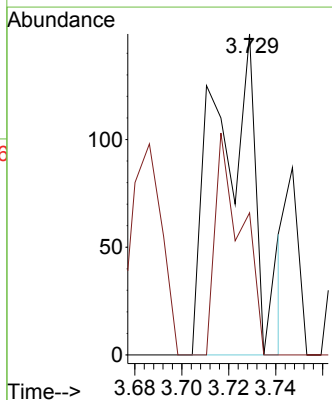
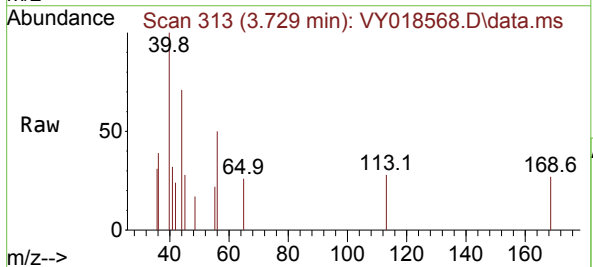
Instrument :
MSVOA_Y
ClientSampleId :

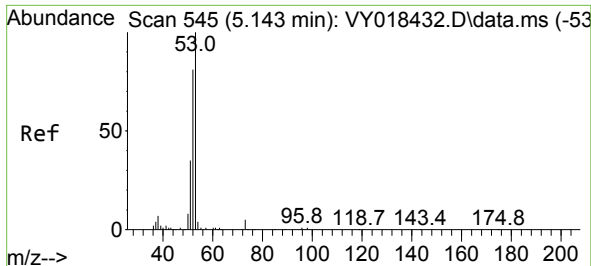
Tgt Ion:168 Resp: 37107
Ion Ratio Lower Upper
168 100
99 63.0 39.1 58.7#



#13
Acrolein
Concen: 2.507 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.013 min
Lab File: VY018568.D
Acq: 12 Jun 2024 14:49

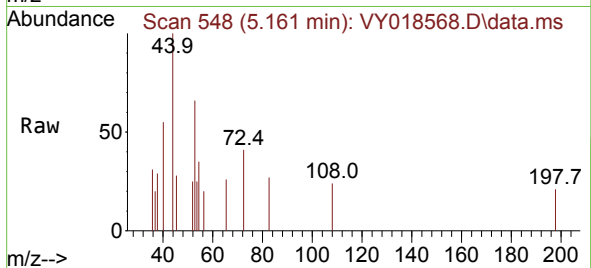
Tgt Ion: 56 Resp: 187
Ion Ratio Lower Upper
56 100
55 43.3 55.7 83.5#



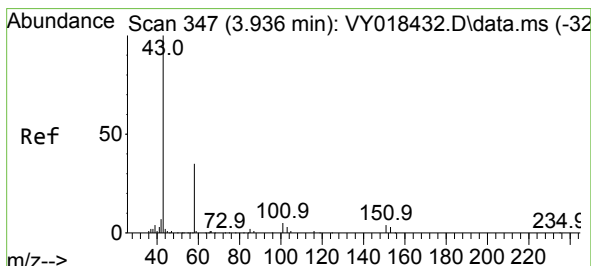
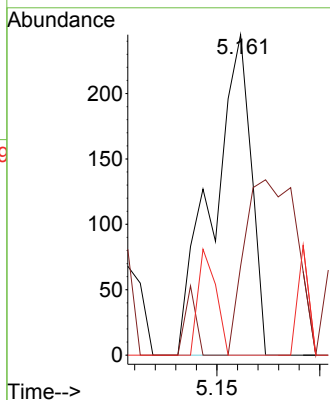
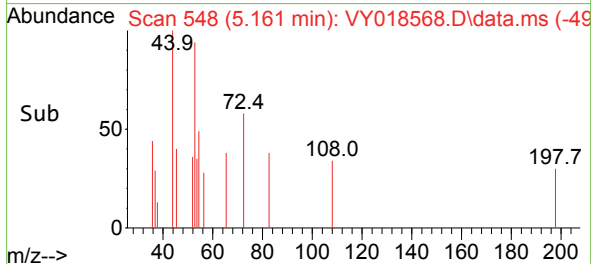


#15
Acrylonitrile
Concen: 1.699 ug/l
RT: 5.161 min Scan# 545
Delta R.T. 0.018 min
Lab File: VY018568.D
Acq: 12 Jun 2024 14:49

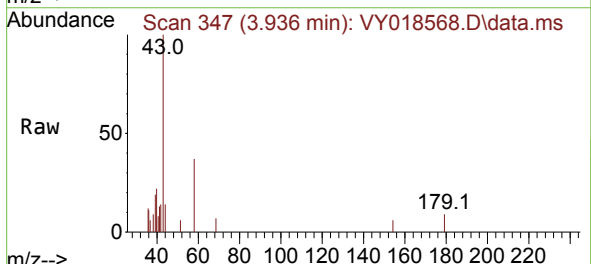
Instrument :
MSVOA_Y
ClientSampleId :



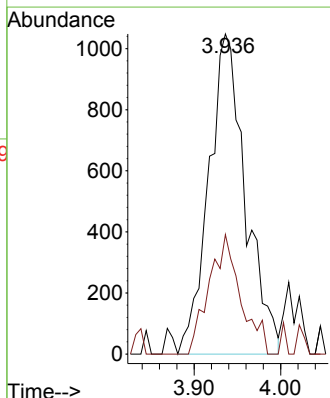
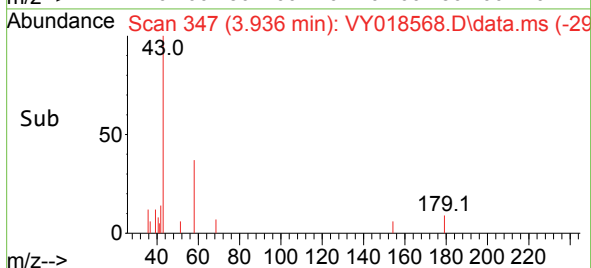
Tgt Ion: 53 Resp: 318
Ion Ratio Lower Upper
53 100
52 73.9 64.7 97.1
51 0.0 28.4 42.6#

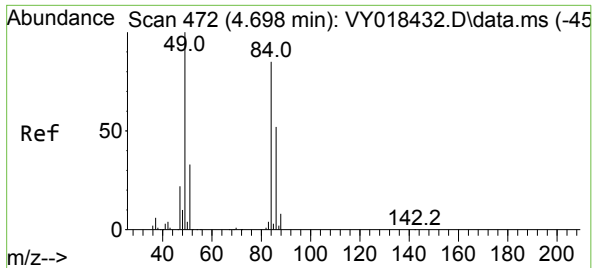


#16
Acetone
Concen: 19.092 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018568.D
Acq: 12 Jun 2024 14:49



Tgt Ion: 43 Resp: 3088
Ion Ratio Lower Upper
43 100
58 37.3 31.7 47.5





#20

Methylene Chloride

Concen: 7.146 ug/l

RT: 4.704 min Scan# 41

Delta R.T. 0.006 min

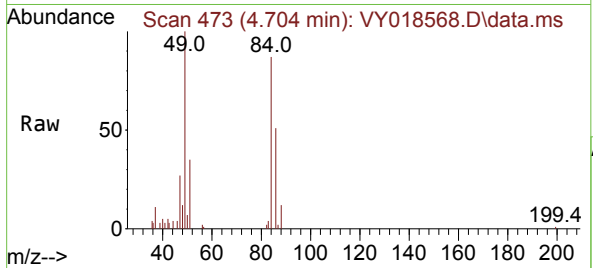
Lab File: VY018568.D

Acq: 12 Jun 2024 14:49

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 9022

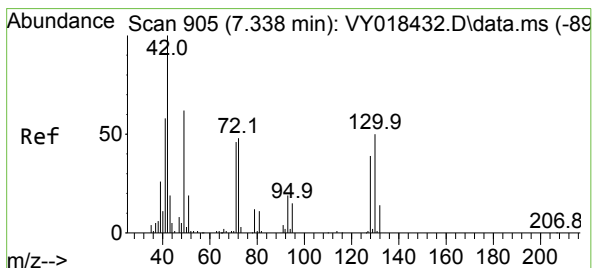
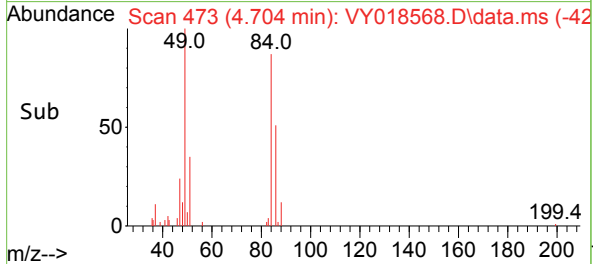
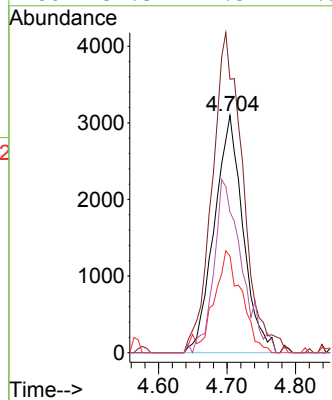
Ion Ratio Lower Upper

84 100

49 115.3 84.4 126.6

51 40.8 26.0 39.0#

86 59.3 49.5 74.3



#29

Tetrahydrofuran

Concen: 1.398 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018568.D

Acq: 12 Jun 2024 14:49

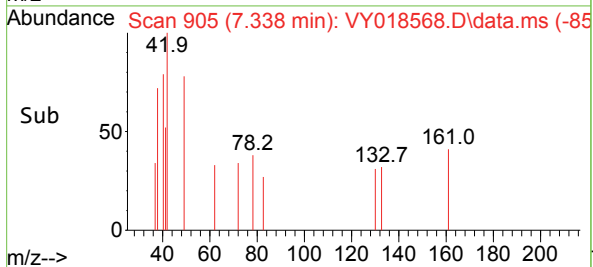
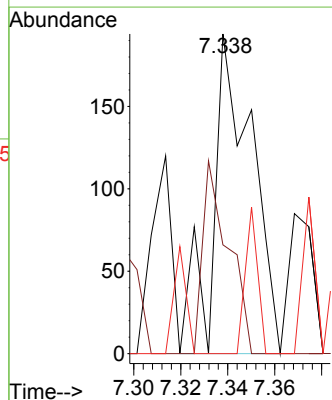
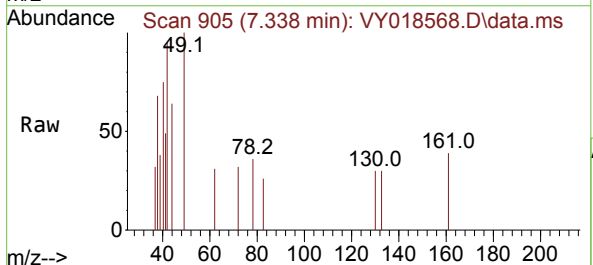
Tgt Ion: 42 Resp: 225

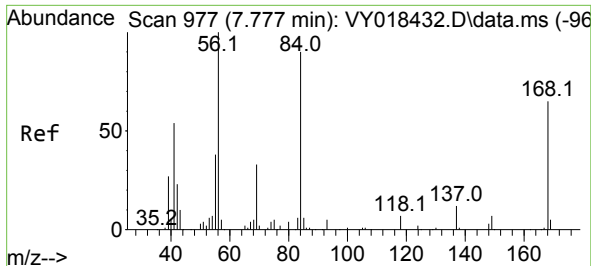
Ion Ratio Lower Upper

42 100

72 39.6 43.0 64.4#

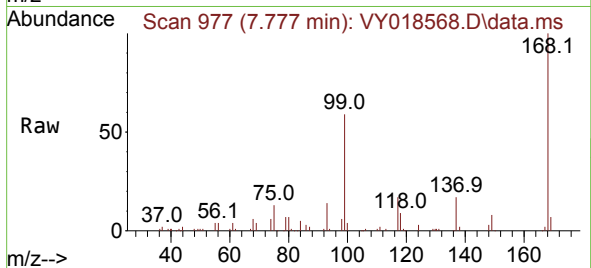
71 14.7 40.8 61.2#



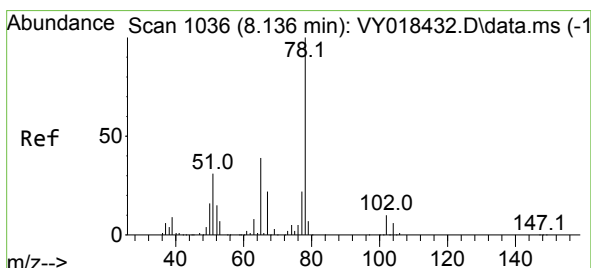
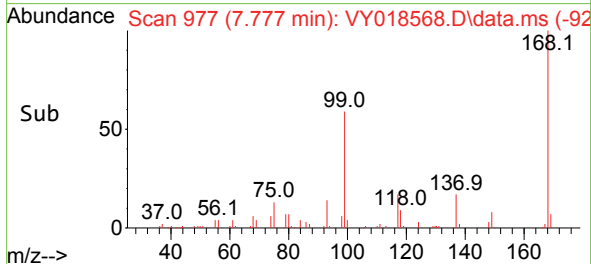
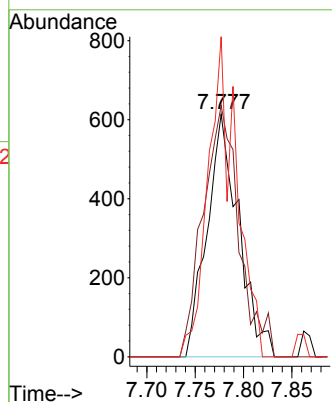


#31
Cyclohexane
Concen: 1.029 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018568.D
Acq: 12 Jun 2024 14:49

Instrument :
MSVOA_Y
ClientSampleId :

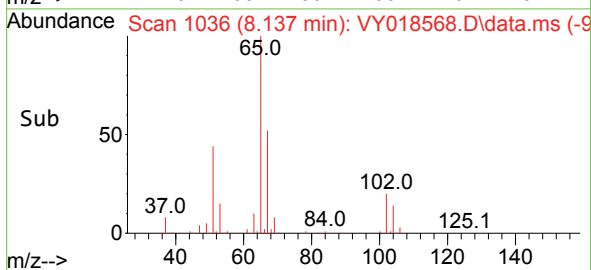
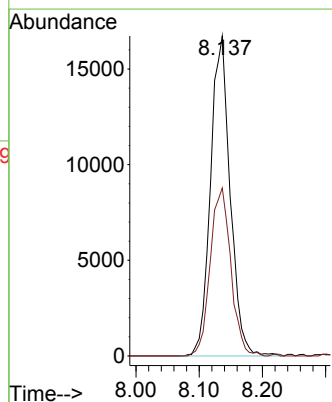
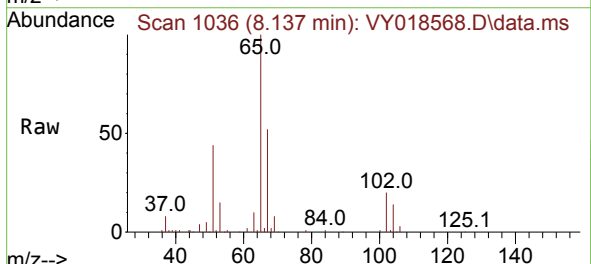


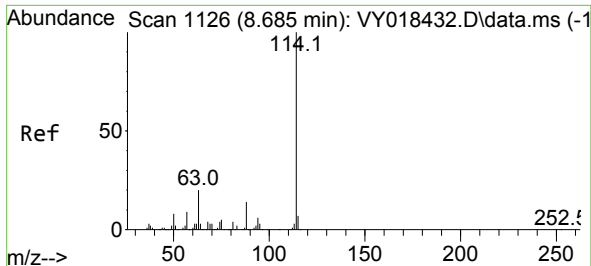
Tgt Ion: 56 Resp: 1398
Ion Ratio Lower Upper
56 100
69 103.6 28.7 43.1#
84 131.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 49.454 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018568.D
Acq: 12 Jun 2024 14:49

Tgt Ion: 65 Resp: 36038
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6

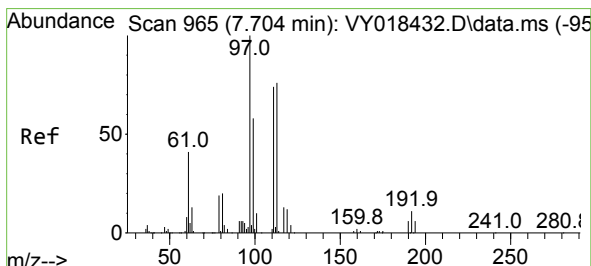
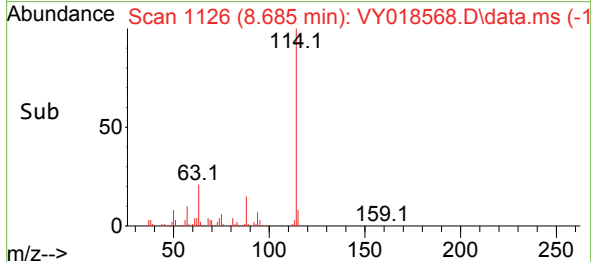
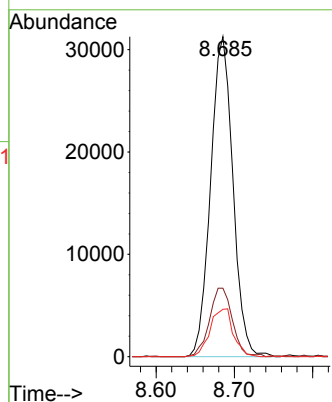
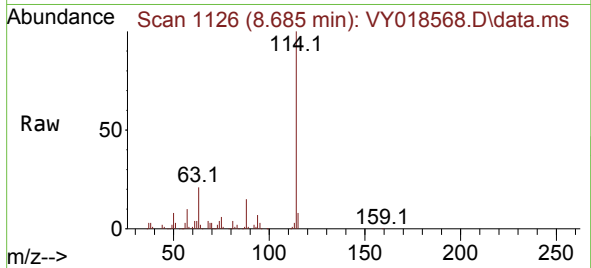




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018568.D
Acq: 12 Jun 2024 14:49

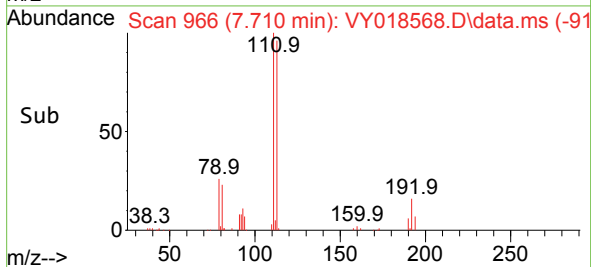
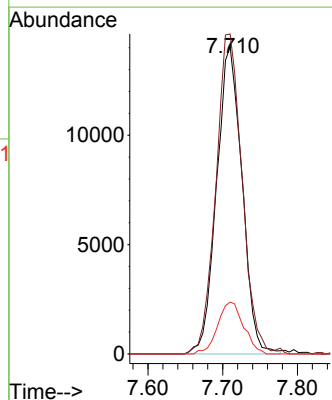
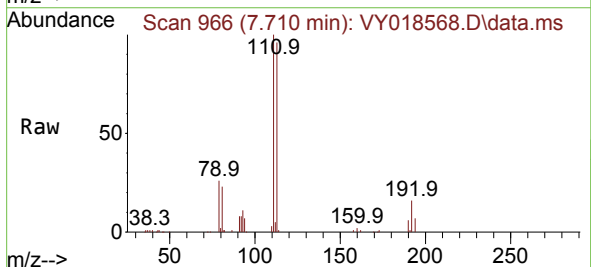
Instrument :
MSVOA_Y
ClientSampleId :

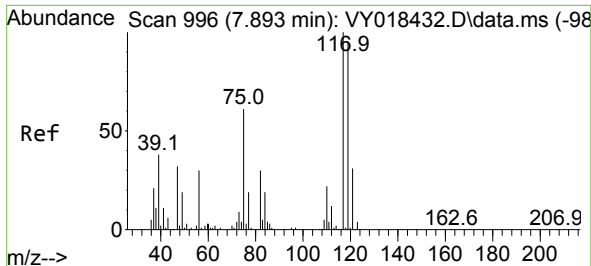
Tgt Ion:114 Resp: 61873
Ion Ratio Lower Upper
114 100
63 21.4 0.0 35.0
88 14.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 42.402 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018568.D
Acq: 12 Jun 2024 14:49

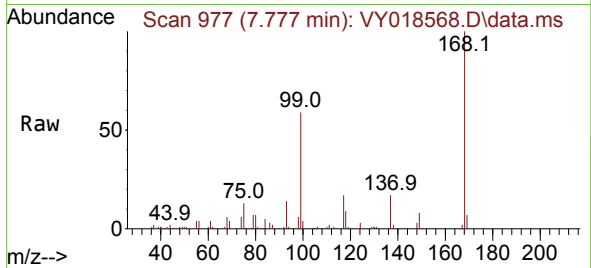
Tgt Ion:113 Resp: 33268
Ion Ratio Lower Upper
113 100
111 107.4 82.2 123.4
192 17.2 15.9 23.9



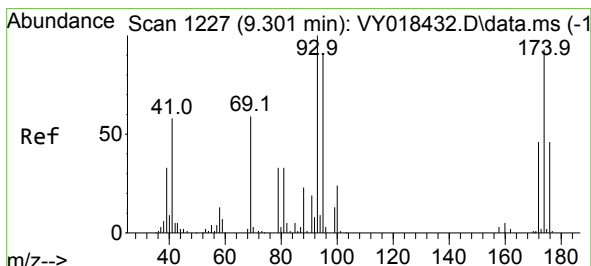
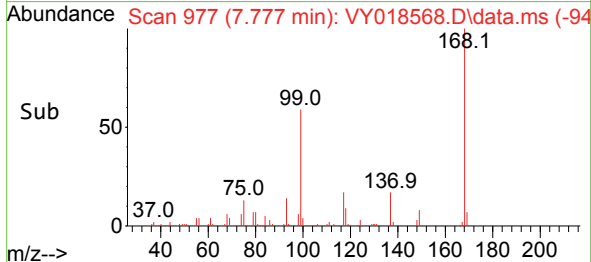
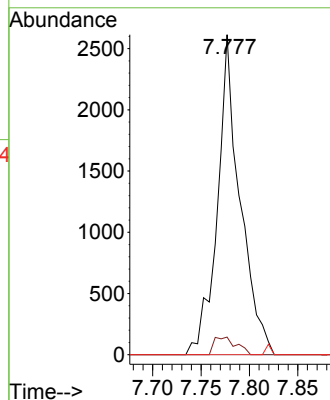


#38
Carbon Tetrachloride
Concen: 3.553 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018568.D
Acq: 12 Jun 2024 14:49

Instrument :
MSVOA_Y
ClientSampleId :

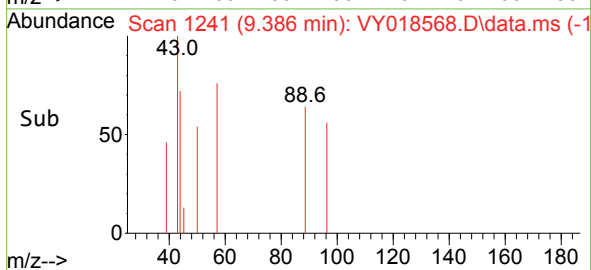
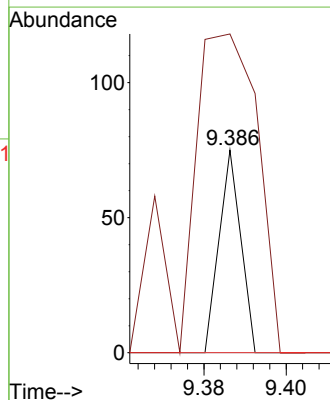
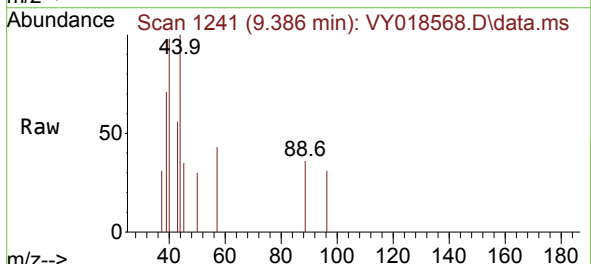


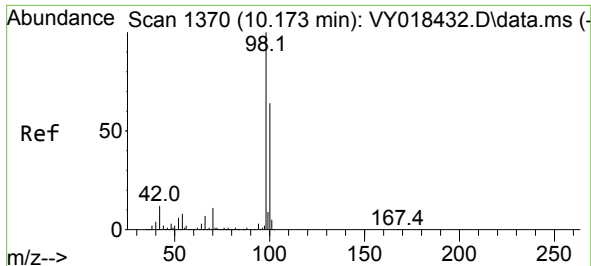
Tgt Ion:117 Resp: 4260
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 4.375 ug/l
RT: 9.386 min Scan# 1241
Delta R.T. 0.085 min
Lab File: VY018568.D
Acq: 12 Jun 2024 14:49

Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
43 448.1 0.0 0.0#
58 0.0 49.3 73.9#

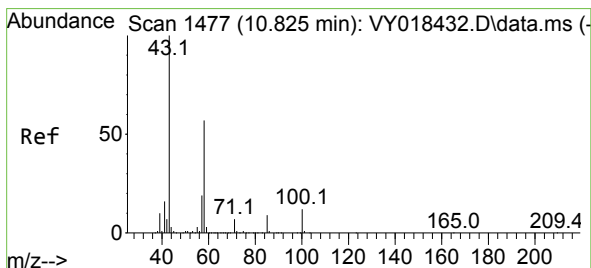
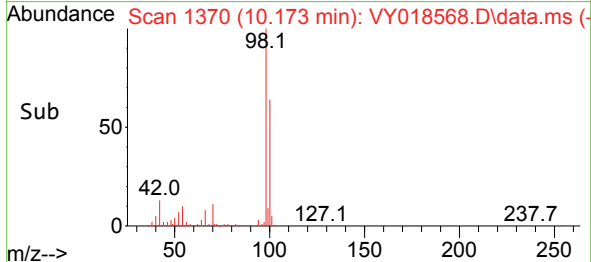
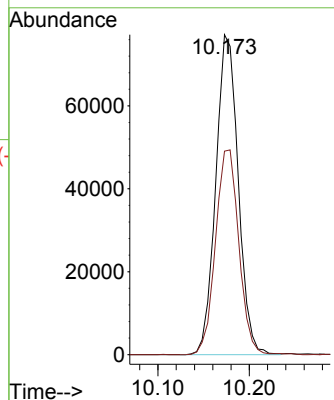
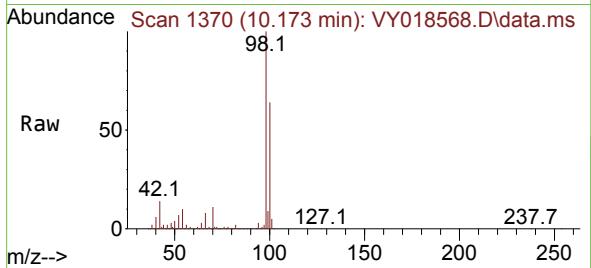




#50
Toluene-d8
Concen: 42.218 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018568.D
Acq: 12 Jun 2024 14:49

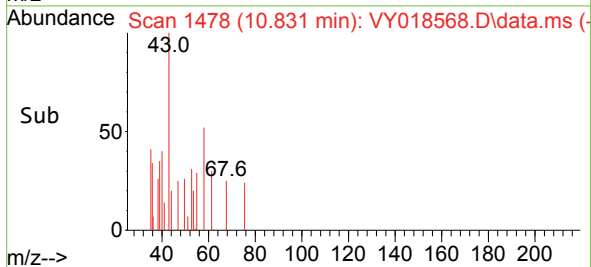
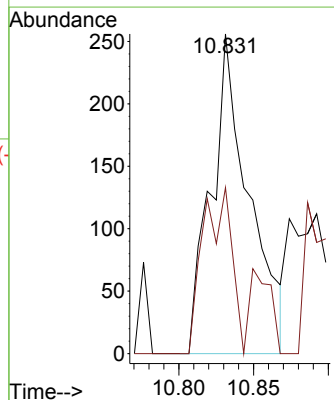
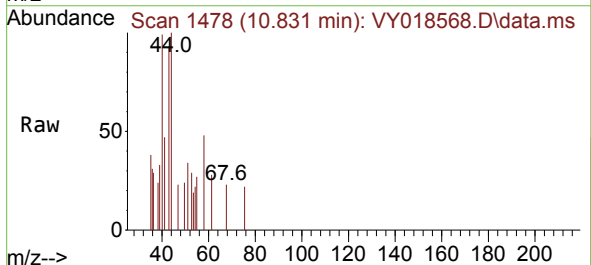
Instrument :
MSVOA_Y
ClientSampleId :

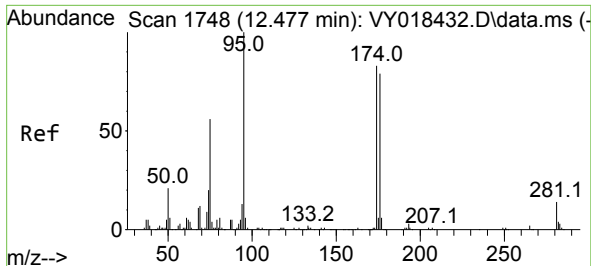
Tgt Ion: 98 Resp: 131775
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0



#59
2-Hexanone
Concen: 1.125 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY018568.D
Acq: 12 Jun 2024 14:49

Tgt Ion: 43 Resp: 451
Ion Ratio Lower Upper
43 100
58 39.2 31.4 94.0

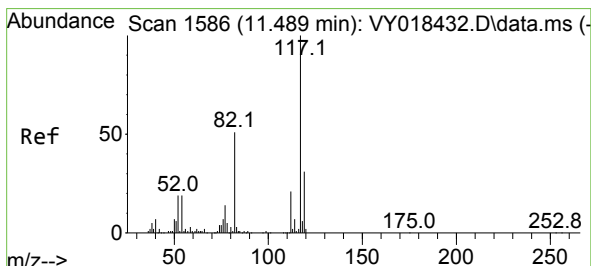
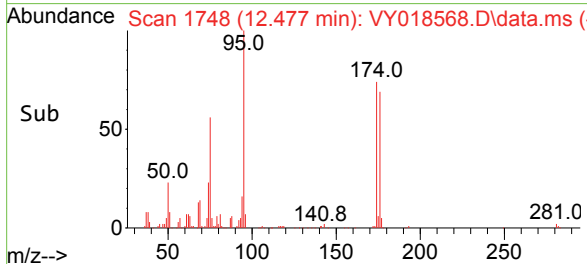
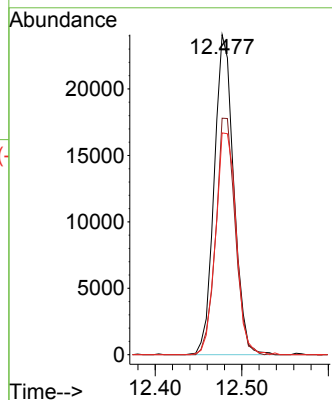
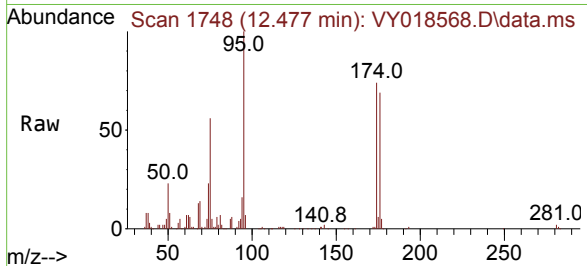




#62
4-Bromofluorobenzene
Concen: 38.795 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018568.D
Acq: 12 Jun 2024 14:49

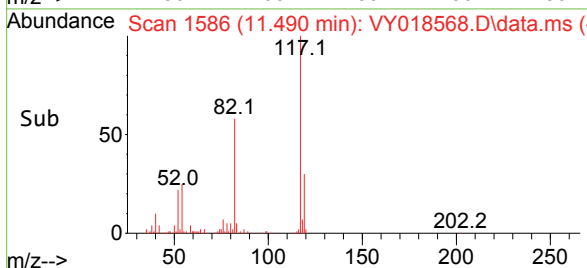
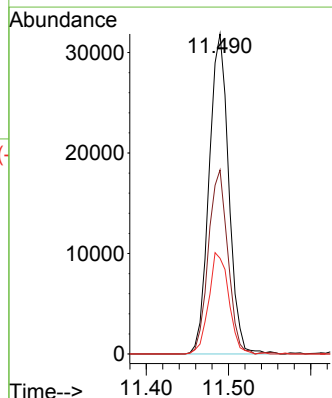
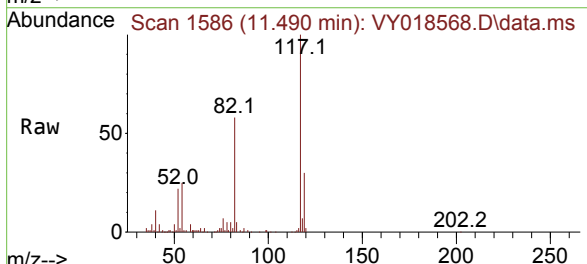
Instrument :
MSVOA_Y
ClientSampleId :

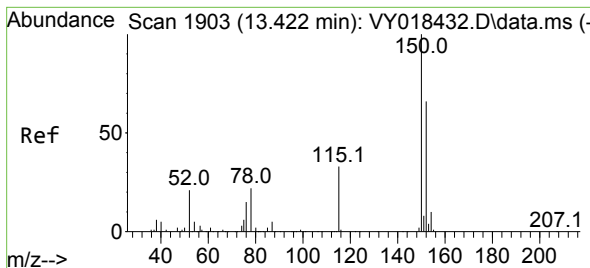
Tgt Ion: 95 Resp: 37702
Ion Ratio Lower Upper
95 100
174 73.7 0.0 175.6
176 73.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018568.D
Acq: 12 Jun 2024 14:49

Tgt Ion: 117 Resp: 52841
Ion Ratio Lower Upper
117 100
82 57.5 42.4 63.6
119 29.9 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

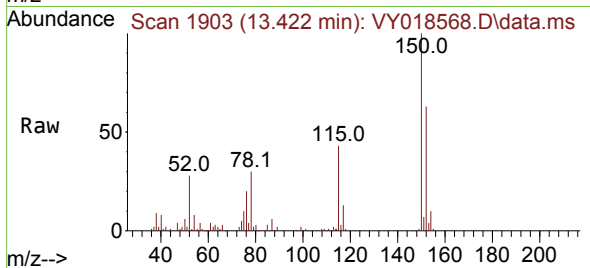
Lab File: VY018568.D

Acq: 12 Jun 2024 14:49

Instrument :

MSVOA_Y

ClientSampleId :



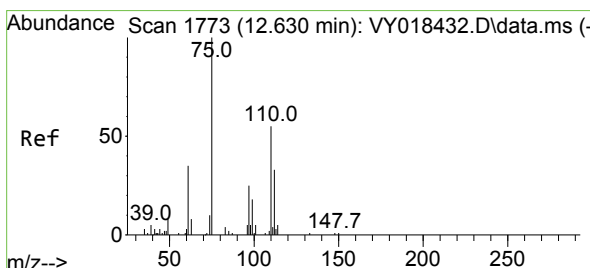
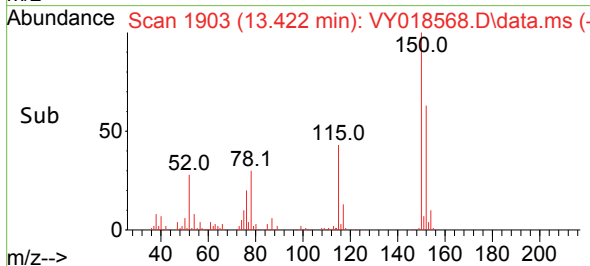
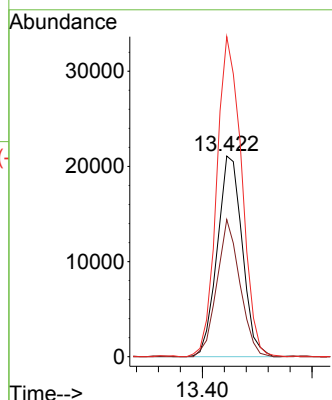
Tgt Ion:152 Resp: 33400

Ion Ratio Lower Upper

152 100

115 63.1 28.2 84.7

150 158.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 51.989 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018568.D

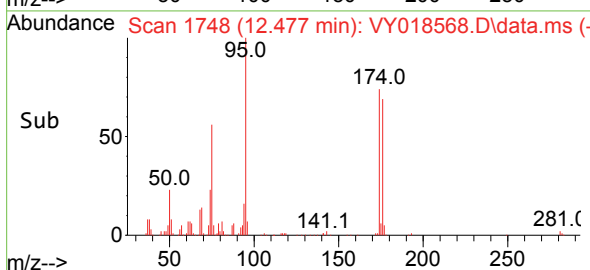
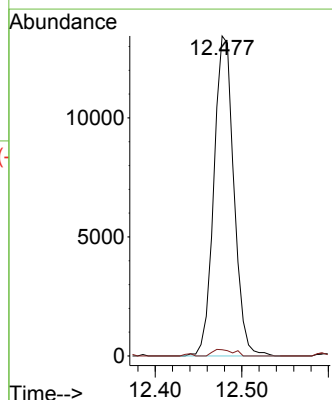
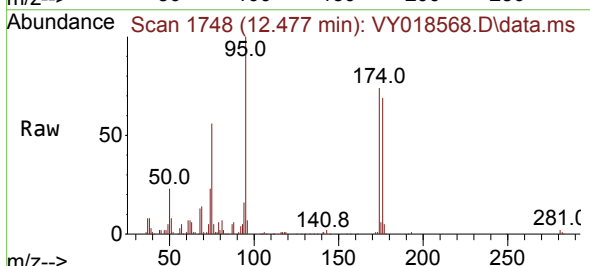
Acq: 12 Jun 2024 14:49

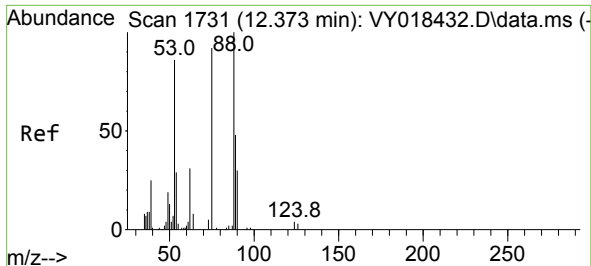
Tgt Ion: 75 Resp: 21532

Ion Ratio Lower Upper

75 100

77 2.1 0.0 0.0#

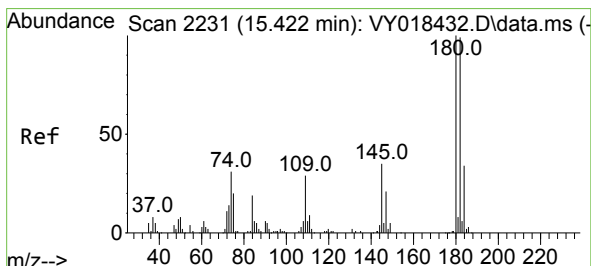
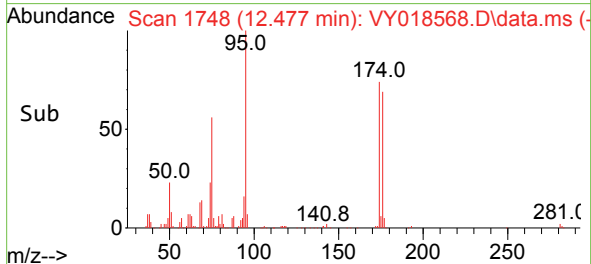
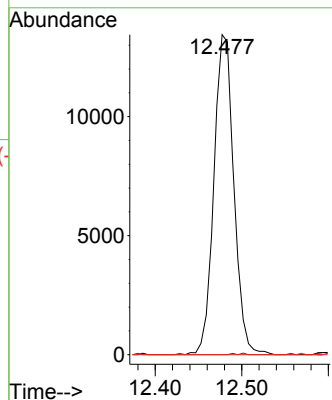
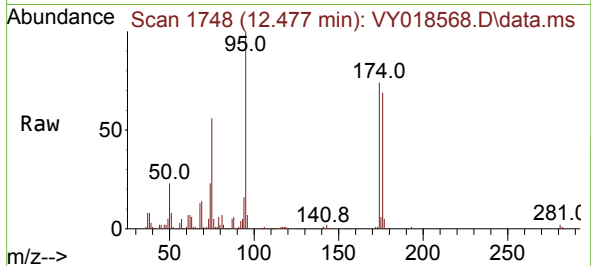




#81
trans-1,4-Dichloro-2-butene
Concen: 109.226 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018568.D
Acq: 12 Jun 2024 14:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 21532
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#



#96
1,2,3-Trichlorobenzene
Concen: 1.026 ug/l
RT: 15.416 min Scan# 2230
Delta R.T. -0.006 min
Lab File: VY018568.D
Acq: 12 Jun 2024 14:49

Tgt Ion:180 Resp: 590
Ion Ratio Lower Upper
180 100
182 90.2 47.6 142.9
145 24.2 15.4 46.1

